

20011008.qrp v02_n336.qrl.20011008

Date: Mon, 8 Oct 2001 19:03:07 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2336

QRP-L Digest 2336

Topics covered in this issue include:

- 1) [108260] Re: Antenna, optimum
by "W3CDE Jerry L." <w3cde@bellsouth.net>
- 2) [108261] Re: Antenna, optimum
by "Glenn Butzlaff" <gbutzlaff@wi.rr.com>
- 3) [108262] Emtech - code practice oscillator
by emtech@steadynet.com
- 4) [108263] Re: Antenna, optimum
by "George, W5YR" <w5yr@att.net>
- 5) [108264] Re: Antenna, optimum
by George Franklin <w0av@juno.com>
- 6) [108265] New QRP Product to Introduced at Pacificon
by "Doug Hendricks" <ki6ds@dospalos.org>
- 7) [108266] Coupled Keyboard Noise
by "John Kirk" <ve6xt@hotmail.com>
- 8) [108267] Re: Signal Grounding Question (long)
by Pete Burbank <plburbank@kih.net>
- 9) [108268] PSK31/QRP Help!
by "Richard H. Arland" <rarland@earthlink.net>
- 10) [108269] Covenant Restriction Antenna
by "Adrian Weiss" <aweiss@usd.edu>
- 11) [108270] Re: PSK31/QRP Help!
by "DTX" <dtx@wood.tzo.com>
- 12) [108271] Antenna Question (Inverted-L)
by ARDUJENSKI@aol.com
- 13) [108272] TNX fer ANT ?? Answers
by wb0wao@hotmail.com (Dennis Ponsness)
- 14) [108273] Linux software?
by "Pastor-KC1DI" <elbc@pivot.net>
- 15) [108274] Re: PSK31/QRP Help!
by John R Kirby <n3aaz-qrp@juno.com>
- 16) [108275] Re: Linux software?
by "Karl F. Larsen" <k5di@zianet.com>
- 17) [108276] Re: PSK31/QRP Help!
by "Karl F. Larsen" <k5di@zianet.com>
- 18) [108277] Columbus Day
by "Karl F. Larsen" <k5di@zianet.com>
- 19) [108278] K2 S/N 2066 on the air at last

- by "Kwik, Ed " <ed.kwik@delphiauto.com>
- 20) [108279] Re: Sending slower than copy
by "Lau, Zack, W1VT" <zlau@arrl.org>
- 21) [108280] UN5J 700 MW ...#96 !!!
by "George Osier" <gosier@twcny.rr.com>
- 22) [108281] [Q] receiver hitch mobile mount?
by Ken Hopper <khopper@uchicago.edu>
- 23) [108282] High Peak in CO - Wrapup
by Gary Slagel <gdslagel@yahoo.com>
- 24) [108283] Re: [Q] receiver hitch mobile mount?
by "Brice D. Hornback" <bdh@cyberbound.net>
- 25) [108284] Re: [Q] receiver hitch mobile mount?
by "Michael Prevatt" <ku4yp@earthlink.net>
- 26) [108285] Re: Columbus Day
by William R Colbert <w5xe@juno.com>
- 27) [108286] CB to 10M conversions for QRP
by "Mike Yetzko" <myetzko@insydesw.com>
- 28) [108287] Re: Columbus Day
by "Brian Murrey" <brian@iquest.net>
- 29) [108288] Hoosier Hills Hamfest
by "Brian Murrey" <brian@iquest.net>
- 30) [108289] Re: [High Peak in CO - Wrapup]
by Rod Cercone <rod@n0rc.com>
- 31) [108290] Quartz-halogen Noise
by Ronald Hands <ronald.hands@sympatico.ca>
- 32) [108291] Re: Columbus Day
by "Mark A. Andrews" <KE4IOF@KE4IOF.com>
- 33) [108292] Re: Quartz-halogen Noise
by "DTX" <dtx@wood.tzo.com>
- 34) [108293] RE: [Q] receiver hitch mobile mount?
by Mike Gipe <mgipe@reliablemeters.com>
- 35) [108294] Re: [Portable Paddles for hiking...]
by "Trevor Jacobs" <fxtech@earthlink.net>
- 36) [108295] Re: Airports and radios
by "Mike Boatright" <ko4wx@mindspring.com>
- 37) [108296] Covenant Restriction Antenna
by "tmyers" <tmyers@AcademicPlanet.com>
- 38) [108297] FS: Limited QTY 150W stripline DLs
by "Ed Tanton" <n4xy@att.net>
- 39) [108298] Re: Columbus Day
by "John Dorson" <jdorson@Worldshare.net>
- 40) [108299] Any 38 Specials done Manhattan-style?
by dmaliniak@penton.com
- 41) [108300] Re: Quartz-halogen Noise
by cherry@getnet.net
- 42) [108301] Bill Jones, QRPacificon Presenter
by "Doug Hendricks" <ki6ds@dph.dpol.net>
- 43) [108302] Re: Columbus Day

by "Rob Matherly" <kc0bom@arrl.net>
44) [108303] Re: Quartz-halogen Noise
by "ZOOM" <kandrparker@sympatico.ca>
45) [108304] Re: Quartz-halogen Noise
by "Randy Randall" <RANDALLR@Healthall.com>
46) [108305] Re: Antenna ??
by Don <dwittlic@APCI.net>
47) [108306] For Sale
by Bob Welch <p326@earthlink.net>
48) [108307] Re: Columbus Day
by "Brian Murrey" <brian@iquest.net>
49) [108308] Re: Antenna ??
by <gingrich2@tigger.dcg.org>
50) [108309] Re: Airports and radios
by Bruce Muscolino <w6toy@erols.com>
51) [108310] Re: Airports and radios
by brickle <brickle@pobox.com>
52) [108311] Headphones On Sale
by K5KW@aol.com
53) [108312] Re: Rigs and Airline Security
by <muglesto@ecentral.com>
54) [108313] Re: Rigs and Airline Security
by "Brice D. Hornback" <bdh@cyberbound.net>

Date: Sun, 07 Oct 2001 19:05:35 -0400
From: "W3CDE Jerry L." <w3cde@bellsouth.net>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [108260] Re: Antenna, optimum
Message-ID: <3BC0DFBF.1B6972DE@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gee Karl, I was thinking of one of the 200 Watt ones. They give you higher gain than the 5 watt version... You could be a QRO QRP station .. with the 200 watt model. 8-) It is also a perfect match from DC to 30 MHZ! Can't beat an antenna like that.

Jerry

"Karl F. Larsen" wrote:

>

> Jerry, that Glowbar can be a 50 ohm 5 watt resistor. Same effect but alas
> it has very little gain in the Fox's direction.

>
> On Sun, 7 Oct 2001, W3CDE Jerry L. wrote:
>
> >
> >
> > Karl,
> >
> > Sounds like you need a 50 Ohm Global resistor mounted at the
> > roof peak/ridge. It will radiate at exactly the angle you
> > need.
> >
> > Jerry
> > W3CDE
>

Date: Sun, 7 Oct 2001 17:22:02 -0500
From: "Glenn Butzlaff" <gbutzlaff@wi.rr.com>
To: <qrp-l@lehigh.edu>
Subject: [108261] Re: Antenna, optimum
Message-ID: <007501c14f7e\$7d2784a0\$d3bf1d41@wi.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

George, it sounds like you have more attic space than my whole city lot!

Glenn, WE9K

----- Original Message -----
From: George, W5YR <w5yr@att.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Sunday, October 07, 2001 3:37 PM
Subject: Re: Antenna, optimum

> Karl, as my old Granddaddy used to say "You don't want much, do you?" <:}
>
> I use five antenna systems here:
>
> 1. 20-meter Extended Double Zepp (88 ft) running NW/SE at 38 ft for 80 - 10
>
> 2. 20-meter EDZ at 38 ft running NE/SW for 80-10
>
> 3. 40-meter full-wave horizontal loop at 20-35 ft high

>
> 4. Butternut HF9V vertical ground-mounted over 60 radials
>
> 5. Parallel full-size dipoles for 80, 40, 30 and 20 meters mounted in the
> attic and fed with one RG-213 coax
>
> The most important part of this station setup is the heavy-duty coax switch
> used to choose which antenna is in use.
>
> Over many Fox Hunts on 20 and 40, I have found that at various times any or
> none of these antennas succeeded in getting a pelt! Most of the time, the
> fur does fly, but even with all the various azimuthal and elevation angles
> available among this set of skywires, there have been times that none of
> them could do the job on either band.
>
> So, my experience has been that there is no single antenna that can do the
> trick. My approach has been to use a variety of wire antennas with
> differing properties and to be able to select among them quickly to
> determine which one does the best job at any particular time. There have
> been several times with ESP Foxii that I have transmitted on one antenna
> and received on another.
>
> Good luck for the coming Hunts, and count on me to make as many Cub Hunts
> as I can.
>
> 72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6
> Fairview, TX 30 mi NE of Dallas in Collin county EM13qe SOC 262
> Amateur Radio W5YR, in the 56th year and it just keeps getting better!
> Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437
>
>
>
> "Karl F. Larsen" wrote:
> >
> > I want the antenna that has the maximum gain in the proper
> > elevation angle of the Fox, both on 20 and 40 meters.

Date: Sun, 7 Oct 2001 16:55:01 -0700
From: emtech@steadynet.com
To: qrp-l@Lehigh.EDU
Subject: [108262] Emtech - code practice oscillator
Message-ID: <3BC088E5.30631.96BBE8C@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Emtech went to the Puyallup and Seaside hamfests with a treat for the kids. We took 13 code practice oscillator kits to Puyallup and 24 to Seaside. The kids were glad both to build the kits at the show and to take them home after.

At Puyallup we used the circuit (at <http://www.emtech.steadynet.com/cpo>) except with an 18 volt supply (based on the Heathkit HD-16, except the HD-16 had a UJT and we have a PUT). The audio gain and quality is better with 18 volts. For the Seaside hamfest we were short on time so we just went with one of the 555 timer oscillators from an older Handbook. We are printing a theory booklet and making a video tape to go with these kits.

HELP!!

We would like suggestions to improve the circuit. Our purpose is to have a kit that provide an easy opportunity to teach theory, and very simple design.

Date: Sun, 07 Oct 2001 19:09:51 -0500
From: "George, W5YR" <w5yr@att.net>
To: gbutzlaff@wi.rr.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [108263] Re: Antenna, optimum
Message-ID: <3BC0EECF.44CF449D@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well, Glen, you know how it is in Texas . . . <:}

Actually, it just turned out that the layout of the house, coupled with a very tall hip roof design, made it possible to get the 80-meter dipole straight over about the center half. The other antennas run straight without folding. Although attic mounting results in resonant frequencies other than what one would desire, the loss in the RG-213 is low enough on those bands to permit the tuner to make all the antennas look like a decent load.

For about the first five years after moving into this area, I operated solely with the "attic antenna farm" keeping a low profile. Finally, with most of the neighbors, and myself, on either cable or satellite, I ventured outside with my antennas. Still no complaints from the neighbors, although I usually operate at QRP levels.

The surprises come every now and then when the attic antenna outperforms one or more of the outside systems.

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe SOC 262
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

Glenn Butzlaff wrote:

>

> George, it sounds like you have more attic space than my whole city lot!

Date: Sun, 7 Oct 2001 20:13:18 -0500
From: George Franklin <w0av@juno.com>
To: w5yr@att.net
Cc: qrp-l@Lehigh.EDU
Subject: [108264] Re: Antenna, optimum
Message-ID: <20011007.201318.-1610879.2.w0av@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello George,

Wow! that almost isotropic antenna sounds like just what I need.

Now to figure out how to put a reflector and a couple of directors on it.

Lessee, guess the reflector would be about 5% longer and the directors progressively shorter, etc.
Tiny little cuss.

72/73/74 de George
SOC#101
COG#1

Date: Sun, 7 Oct 2001 19:48:13 -0700
From: "Doug Hendricks" <ki6ds@dospalos.org>
To: <qrp-l@lehigh.edu>
Subject: [108265] New QRP Product to Introduced at Pacificon
Message-ID: <000f01c14fa3\$af1902c0\$1fa3ad40@dospalos.org>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Guys, went to the NorCal meeting today at Livermore, and I got to see Vern Wright's new baby, the MP-2 Antenna. Why the MP-2 designation? Because this one is a real baby screwdriver type antenna. Ever see one of those screwdriver antennas? You know the ones with the motor drive? Well, Vern has found a powerful little motor that works on 12 - 24 V, and has a 100 to 1 reduction drive on it. He put it on the MP-1, and voila, (or violet or whatever that French fried word is,) a motorized MP-1!! This is really neat. It will run off two 9V batteries hooked up in series. They seem to last a long time, as Vern has been using the same two batteries for a couple of weeks.

The antenna will sell for \$225 from his company, SuperAntennas at www.superantennas.com and he will have plenty of them at Pacificon at the QRP Vendor night on Saturday, Oct. 20th at the Sheraton Hotel in Concord, CA. Vern also has donated one to the St. Aidan's Benefit drawing, in addition to the MP-1 with all accessories that he previously donated. Don't forget, you can win one of the following great prizes, all donated by the vendors by putting your call on a \$5 bill and sending it to:

Doug Hendricks
St. Aidan's Benefit Raffle
862 Frank Ave.
Dos Palos, CA 93620

Entries that are mailed must be received by Oct. 16th. I will be taking entries at Pacificon and you may enter as many times as you wish. Here is a partial list of the prizes:

K2 - Elecraft
Red Hot 40 - Red Hot Radio
DSW20+ - Small Wonder Labs
MFJ Cub 15 Meters - Martin Jue, MFJ
MP-1 with all accessories - W6MMA Super Antennas
MP-2 - W6MMA Super Antennas
Warbler Kit - NJ QRP Club
Manhattan Starter Kit - NJ QRP Club
VE3DNL Kit - Ft. Smith QRP Group
Tuna Tin II - Ft. Smith QRP Group
St. Louis Quickie Antenna Kit - St. Louis QRP Society\
TeNeKe - Dennis Foster KK5PY
ScQRPion Singer Frequency Counter Kit - Az. ScQRPions
BLT Tuner Kit - NorCal
SMK-1 Transceiver Kit - NorCal
NorCal Toroid Kit - NorCal
ARRL Handbook - ARRL Lab (Ed Hare, Mike Tracy and Zack Lau)

We will draw for the winners at 8:00 PM Saturday night in the NorCal QRP Hospitality Room. Hope to see you there. Thanks again to all of the generous vendors and clubs who supported this event, without you it would not have been possible. And thanks also to the guys who have sent in "tickets" in record numbers, you are appreciated. 72, Doug, KI6DS

Date: Mon, 08 Oct 2001 03:22:01 +0000
From: "John Kirk" <ve6xt@hotmail.com>
To: n2tpa@juno.com
Cc: qrp-l@lehigh.edu
Subject: [108266] Coupled Keyboard Noise
Message-ID: <F126BgudAUEhNABaTD3000077da@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

G'day Bill:

Given that the rig and the keyboard share a common power supply, in my experience it will be tough to get rid of the noise. I'd be inclined to even temporarily try a separate power source on the keyboard. At least that way you'll know what the potential improvement might be ;-)

One item in my bag of tricks that seems so obvious that I'm surprised I haven't seen it described elsewhere is:

- determine how much current flows in your rig's key line. Get this by temporarily keying your rig with a multimeter set on mA.
- if it isn't a huge number (say, more than 30 mA), consider replacing the usual 2N2222 keying transistor in your keyboard with an optoisolator. I use 4N35's, but only because I have heaps. DO NOT common the keyboard ground with the rig ground. Optoisolators are fantastic cpu-buzz breakers. Try and locate the optoisolator right on the back of the offending device. I usually make mine on a scrap of perfboard hot glued between the pins of a D connector.

The above works beautifully on all those "sound card" new modes, by the way. I wouldn't be able to operate half the new modes had I not resorted to the opto approach.

Have fun!
John
VK2PV

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Date: Sun, 07 Oct 2001 23:27:38 -0400
From: Pete Burbank <plburbank@kih.net>
To: n2tpa@juno.com,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [108267] Re: Signal Grounding Question (long)
Message-ID: <5.0.2.1.0.20011007224201.00ac0de0@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 12:15 PM 10/7/2001 -0400, Bill Lazure wrote:

>A question for all you EEs out there...

>

> I've acquired a new keyboard for my Keyboard Keyer. With this new
>keyboard, my keyer seems to be putting digital noise onto my +12V supply
>lines at 21MHz. The keyer and rig share the same supply.

> I'd like to continue running the rig and keyer from a common supply,
>and due to space restraints, would like to use this new keyboard.

> I've tried placing capacitance and ferrite chokes across all
>incoming/outgoing lines, but this hasn't proven very effective. I
>**THINK** that the direct tie of Digital and analog grounds is the source
>of the problem.

> Thus, what are some of the rules of connecting digital and analog
>grounds together to minimize digital noise from leaking into sensitive
>analog circuitry? (while maintaining a common DC reference).

> Then, with which ground should I shield the circuitry to prevent
>digital radiation?

>

> FYI, the "analog" ground I'm referring to here is the RF station
>ground that the rig uses that appears on the supply negative lead through
>the chassis of my rig.

>

>Thanks in advance,

>

>Bill

>W2EB

Bill, I'm not an EE but spent several decades in the trenches sorting out
medical equipment problems including conflicts between sensitive analog
and digital gear.

Ground is often a total misnomer as you know from ham work regarding
wavelengths and the wire length .

One QST article suggested establishing a wide area ground on the back side
of the operating table using copper flashing and that works.

The best book on the subject is by Henry Ott of Bell Labs. I was in one
of his classes after he left Bell and everything he said fits.

To sum this up...a chunk of wire may not be a ground and ground is also

a nebulous concept.
Hope this helps.

Back to the TV to watch "Payback Time"
73 Pete NV4V

Date: Sun, 07 Oct 2001 23:44:27 -0400
From: "Richard H. Arland" <rarland@earthlink.net>
To: EPA QRP List <epaqrp-l@lehigh.edu>, QRP List <qrp-l@lehigh.edu>
Subject: [108268] PSK31/QRP Help!
Message-ID: <3BC1211B.E0717499@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I finally got the new Gateway laptop away from my wife. She put up quite a battle but I prevailed (it cost me a Nintendo GameBoy Advance and a couple of games, but I think I came out on top on this deal).

So, I'm sitting in the shack, and am looking for ways to hook up the Gateway laptop to my K2 and my 80 mtr Warbler....funny thing about this laptop.....no DB-9/RS-232 port! Only four (count 'em....4) USB ports.

How do you interface these radios to a USB port? No doubt I'll have to buy something...something pretty expensive...(it is my curse, you know)...to interface these little radio boxes to the laptop. Can anyone tell me what I need and the manufacturer?

Private e-mail is appreciated to keep the traffic on the list down.

73 Rich K7SZZZ

Date: Mon, 08 Oct 2001 07:13:19 GMT
From: "Adrian Weiss" <aweiss@usd.edu>
To: qrp-l@lehigh.edu
Subject: [108269] Covenant Restriction Antenna
Message-ID: <GKVFXB02.KDR@mail.usd.edu>

Hi all:

Can't find the problem post about the covenant allowing a short antenna with written permission of neighbors.

One solution IF you intend to operate mainly after dark and will be able to go a full 30+ feet for a 40m vertical. The WEB site on which I saw the idea mounted a vertical at one corner of a raised deck (~10ft) in one of those trailer tongue units you can buy at many boat and non-boat stores. Of course, it has a wheel at the bottom, but a crank up jack allows the raising and lowering of the tongue of a trailer onto the hitch. The key component is the ability to swing the support leg 90-degrees -- a sprung key locks the leg in either horiz. or vert. position. He got rid of the wheel, and bolted the unit to one of the support beams of the deck so that the vertical could be raised to vertical and locked, or unlocked and dropped to horizontal (daytime).

His elevated verticals were stealth variety.

I thought it was a great idea.

Now, mated with a 50-ft telescoping mast, band selection is an easy matter. Run 15m with almost the whole thing nested, pull out 16.5-ft for 20m, 24ft for 30m, 34 fot 40m, and for 80m, the whole 50ft with three wire guys cut to top-load on 80m finished off with 1/8 line which would also serve as guys.

Bury the radials -- get a high pressure washer and cut your radial troughs, lay'em, smooth'em over, and it's doen.

Oh welllll..... you gotta admit that guy had a enat idea!

72, Ade

Date: Sun, 7 Oct 2001 22:47:20 -0700
From: "DTX" <dtx@wood.tzo.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [108270] Re: PSK31/QRP Help!
Message-ID: <001901c14fbc\$b2b5f640\$0c00a8c0@home>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Since the Warbler has no vox and your computer has no DTR or RTS, I think I would build my own little vox box ;-) Since the PSK tones will be continuous and constant level (pretty much) the attack-hold-antivoxx stuff goes away. Just enough level to rectify and drive the base of a 2N2222 or any other npn you my have handy. And make sure the sound card is in half duplex mode and you disable (or really, really lower the volume on) the

windows sounds. Works well here on my ICOM 718.

Gary WA6DTX

----- Original Message -----

From: "Richard H. Arland" <rarland@earthlink.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Sunday, October 07, 2001 8:44 PM

Subject: PSK31/QRP Help!

> I finally got the new Gateway laptop away from my wife. She put up quite
> a battle but I prevailed (it cost me a Nintendo GameBoy Advance and a
> couple of games, but I think I came out on top on this deal).

>

> So, I'm sitting in the shack, and am looking for ways to hook up the
> Gateway laptop to my K2 and my 80 mtr Warbler....funny thing about this
> laptop.....no DB-9/RS-232 port! Only four (count 'em....4) USB ports.

>

> How do you interface these radios to a USB port? No doubt I'll have to
> buy something...something pretty expensive...(it is my curse, you
> know)...to interface these little radio boxes to the laptop. Can anyone
> tell me what I need and the manufacturer?

>

> Private e-mail is appreciated to keep the traffic on the list down.

>

> 73 Rich K7SZZZ

Date: Mon, 8 Oct 2001 02:15:23 EDT

From: ARDUJENSKI@aol.com

To: qrp-l@lehigh.edu, nwq-l@scn.org

Subject: [108271] Antenna Question (Inverted-L)

Message-ID: <55.1bcd5488.28f29e7b@aol.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

>From the series of basic calculations thanks to the programs from Reg Edwards
it was rather interesting to not that possibly we over simplify the low
losses and antenna efficiencies on the 44ft balanced line doublet.

Based upon my limited background but tenacity for looking for the ultimate
antenna it appears that the Inverted-L may offer a slight bit more of an
advantage performance wise plus the benefits of two distinct lobe patterns.

I noticed a discussion of multiband antennas earlier. Calculation wise I have yet to find a more efficient simple multiband antenna under general usage. The touted doublet is always subject to two variables: (1) proximity to ground and (2) length of feed line. With the Inverted-L these are rather constant.

As a matter of fact I have found it is the most efficient method for loading the short verticals such as the SLV or the PANFISH POLE. It was interesting to note that for example the SLV with a 20ft x 20ft set up efficiency wise beats all other loading conditions on almost every band and same with PANFISH POLE.

I found a rule of thumb is to use the same horizontal length as vertical height wire. In LOW BAND DXING they even suggest a 12m by 12.3 m for 160-10m. Therefore for the DK9SQ that would mean a 33ft horizontal wire also.

I use 12 ---5m radials (ribbons) with my set ups. Although at present I am using 300 ohm feed, I plan to use an L-network suggested by LB CEBIK so I can use feed back to the shack.

I am not an expert in this field just reporting my observations/work in this area. I would love to hear from others doing similar work with the Inverted-L. Hey I may have missed some important stuff and therefore my conclusions could a bit skewed.

Congrats to all that went to Pacificon. I hope to make one of those soon and meet all the QRP Icons in person.

Alan KB7MBI in Woodinville, WA

Date: Mon, 8 Oct 2001 05:25:27 -0400 (EDT)
From: wb0wao@hotmail.com (Dennis Ponsness)
To: qrp-l@Lehigh.EDU
Subject: [108272] TNX fer ANT ?? Answers
Message-ID: <4936-3BC17107-1089@storefull-264.iap.bryant.webtv.net>
Content-Disposition: Inline
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)

Gang,

Thanx for all the great answers and info! Hi Hi, I have no idea why I stated I was going to use ladder line for the fan dipole - I guess I shouldnt pose questions at 3 AM from work!
I am gonna dig out the calculator and figure up the space that I have,

and hopefully I will have enuf room to put up a Zepp for at least 40m
and (hopefully) 80m. Thanx again!

72 Dennis

Dennis Ponsness - WB0WAO
EN84ij Iosco Cty, Mich.
WAC WAS DXCC VUCC WPX
NJ-QRP #329 QRP-L #2348
FP #-347 SOC#499

Date: Mon, 8 Oct 2001 05:56:47 -0400
From: "Pastor-KC1DI" <elbc@pivot.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [108273] Linux software?
Message-ID: <006f01c14fdf\$8c61b740\$ea96fea9@elbc>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

What are others on the group using for Linux as Log books etc?
73 Dave

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.282 / Virus Database: 150 - Release Date: 9/25/01

Date: Mon, 8 Oct 2001 07:56:58 -0400
From: John R Kirby <n3aaz-qrp@juno.com>
To: rarland@earthlink.net, qrp-l@Lehigh.EDU
Subject: [108274] Re: PSK31/QRP Help!
Message-ID: <20011008.075704.-249729.2.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Rich and others,

I have been running this mode a couple years now with out a computer to radio interface.

First with the G3PLX software,
then, WinWarbler and now DigiPan.

Other "PC" modes such as MTTY, SSTV and Stream work this way too.

I use the LINE PORTs (verses Microphone) between the radio and computer.

Note . . . If your radio and/or PC does not have a LINE port, then a simple resistor attenuator (shown in most PSK software HELP files) solves the "overload" problem.

I use a common SPST (dry contact) switch to short my radio PTT line to radio chassis (ground) for the "KEY" line.

My radio is an IC-706 MK II.

I know for a fact this technique works with other radios too.

John
N3AAZ
FM 19 xa

On Sun, 07 Oct 2001 23:44:27 -0400 "Richard H. Arland"

<rarland@earthlink.net> writes:

>I finally got the new Gateway laptop away from my wife. She put up
>quite
>a battle but I prevailed (it cost me a Nintendo GameBoy Advance and a
>couple of games, but I think I came out on top on this deal).
>

>So, I'm sitting in the shack, and am looking for ways to hook up the
>Gateway laptop to my K2 and my 80 mtr Warbler....funny thing about
>this
>laptop.....no DB-9/RS-232 port! Only four (count 'em....4) USB ports.
>

>How do you interface these radios to a USB port? No doubt I'll have
>to
>buy something...something pretty expensive...(it is my curse, you
>know)...to interface these little radio boxes to the laptop. Can
>anyone
>tell me what I need and the manufacturer?
>

>Private e-mail is appreciated to keep the traffic on the list down.
>

>73 Rich K7SZZZ

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Date: Mon, 8 Oct 2001 05:50:16 -0600 (MDT)

From: "Karl F. Larsen" <k5di@zianet.com>

To: Pastor-KC1DI <elbc@pivot.net>

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [108275] Re: Linux software?

Message-ID: <Pine.LNX.4.33.0110080546260.1190-100000@cannac.fun>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

I use Linux Red Hat 7.1 and this message is typed into the pine mail system. I use Netscape for the web, I write with joe a word star editor and play solitaire.

On Mon, 8 Oct 2001, Pastor-KC1DI wrote:

> What are others on the group using for Linux as Log books etc?

> 73 Dave

>

>

> ---

> Outgoing mail is certified Virus Free.

> Checked by AVG anti-virus system (<http://www.grisoft.com>).

> Version: 6.0.282 / Virus Database: 150 - Release Date: 9/25/01

>

>

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.qsl.net/k5di/>

Date: Mon, 8 Oct 2001 05:57:30 -0600 (MDT)

From: "Karl F. Larsen" <k5di@zianet.com>

To: "Richard H. Arland" <rarland@earthlink.net>

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [108276] Re: PSK31/QRP Help!
Message-ID: <Pine.LNX.4.33.0110080553180.1190-1000000@cannac.fun>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Richard, all the software I have looks for a comm port. You can buy for less than \$50 a device that plugs into the usb port and has 4 comm ports at the output. This is what you need. Check at Walmart but they may not have it yet.

On Sun, 7 Oct 2001, Richard H. Arland wrote:

>
> So, I'm sitting in the shack, and am looking for ways to hook up the
> Gateway laptop to my K2 and my 80 mtr Warbler....funny thing about this
> laptop.....no DB-9/RS-232 port! Only four (count 'em....4) USB ports.
>
> How do you interface these radios to a USB port? No doubt I'll have to
> buy something...something pretty expensive...(it is my curse, you

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.qsl.net/k5di/>

Date: Mon, 8 Oct 2001 06:59:24 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-l@lehigh.edu>
Subject: [108277] Columbus Day
Message-ID: <Pine.LNX.4.33.0110080654570.1372-1000000@cannac.fun>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Today we honor Mr. Columbus who did an important thing. He found America, North and South and gave my relatives a place to go where no-one cares what religion you have so long as it doesn't bother others.

Sure glad he had good weather and made it back!

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.qsl.net/k5di/>

Date: Mon, 8 Oct 2001 08:51:49 -0400
From: "Kwik, Ed " <ed.kwik@delphiauto.com>
To: "Elecraft (E-mail)" <elecraft@qth.net>,
"QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [108278] K2 S/N 2066 on the air at last
Message-ID:
<9F176F70FD71AC48AFC36F879D2B84E38F35E9@tryexch01.NorthAmerica.DelphiAuto.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Well I took a lot longer than I planned but I got my K2 on the air this weekend. I bought it at Dayton this year. No smoke and only alignment problem was a no problem. I had to play with that bandpass filter trimmer cap for 20 meters a few times before I could get full output on 20 meters. First QSO was an EC6 on 21.06 MHz. Thanks to everyone at Elecraft for such a great product and support and the Elecraft mail list for its safety net function. Sure helps to know there are all you experts out there. I recommend to anyone who has been thinking about doing a K2 to go ahead and take the plunge. The water is fine and the fall/winter season is upon us. If I can do it, anyone can.

If you want to hear this K2 in action, come join the Michigan QRP net. Net is on Tuesday nights at 9:00 PM Eastern time on 3.535 MHz. NCS is AB8DF and all hams are welcome.

Ed AB8DF Waterford, MI

Date: Mon, 8 Oct 2001 08:54:21 -0400
From: "Lau, Zack, W1VT" <zlau@arrl.org>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [108279] Re: Sending slower than copy
Message-ID: <125490A005E3D3118C9C00805FC743CC027E2FB5@KAHLESS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Hi Alex,

It is quite possible to have an injury to the brain and not realize

it--even
if you are a neurologist (Oct 7,2001 Hartford Courant.)

Fortunately, it is possible to remap the brain to regain the loss of control.
This is best done with lots of practice, preferably many times a day for short periods of time.

As for practice, start simple, but this is one place where KISS doesn't apply. You do need to push yourself. If you don't push, you won't get any better.
But, you don't want to get frustrated either.

Only you can set the optimum pace. The amount of injury and pace of recovery varies widely--predictions really are impossible.

Professionals in this business are called occupational therapists. I'm not a pro, but I did spend a month in a wheelchair at Hartford Hospital's rehab ward recovering from a stroke. My CW still isn't 100%, but good enough to work 90Qs in 3.5 hours in the Fall ARCI contest.

73--Zack W1VT

BTW--I'm not ruling out the medications. Sometimes you need to adjust your diet to counteract the side effects.

Date: Mon, 8 Oct 2001 10:07:59 -0400
From: "George Osier" <gosier@twcnny.rr.com>
To: <qrp-l@lehigh.edu>
Subject: [108280] UN5J 700 MW ...#96 !!!
Message-ID: <000f01c15002\$a2d04780\$fc704342@twcnny.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

From: "George Osier" <gosier@twcnny.rr.com>
To: <qrp@yahoogroups.com>
Subject: UN5J #96700 MW.....!!!!!!!
Date: Monday, October 08, 2001 10:07 AM

Hello All !!!!!

Got UN5J on 10 meters CW at 1355 ..He is on 28018 now !!!#96 !!!!!
..... 700 mw !!!!!

73s

George , N2JNZ / QRPp

Date: Mon, 08 Oct 2001 09:12:58 -0500
From: Ken Hopper <khopper@uchicago.edu>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [108281] [Q] receiver hitch mobile mount?
Message-ID: <3BC1B46A.872B98A7@uchicago.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Does anyone out there in QRP-L land know of a way to mount a Hamstick type of ANT on a reveiver hitch so I can operate /M on CW with my K2? New car and XYL won't allow a magnetic mount (scratched old trunk), but I found an aftermarket receiver hitch.

Tnx,
de ken n9vv (K2 #167 +SSB +NB +ATU)
<http://www.n9vv.com>

Date: Mon, 8 Oct 2001 07:13:14 -0700 (PDT)
From: Gary Slagel <gdslagel@yahoo.com>
To: QRP L <qrp-l@Lehigh.EDU>
Subject: [108282] High Peak in CO - Wrapup
Message-ID: <20011008141314.9433.qmail@web11607.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Good Morning again!

The outing to Mt Elbert (Colorado high point) was a great success! I put the following qsos in the log: W1VT (Zack @ W1AW), WA9YDJ (Vance in IL), N1TP (Tom in FL), AA7EQ (Bob in AZ), N7DMA (Karl in AZ) and N8WE (Glen in OH). It was great fun working everyone, I

think most were qrpl guys! I really enjoyed working HQ and also enjoyed working Glen who turned out to be the father of a good friend here in Colorado, Dan/NOBN. Also really appreciated the posts on qrpl (zack & tom) telling everyone I was up there.

I plan to put together a picture qsl and get it out to all qso's as soon as I get some pics back. Also am going to put some pics out on my web site in a few days and I'll make a (short) post to qrpl when I get those ready.

Sorry to everyone that qso's were so short and that I was only able stay on the air for about 40 minutes. It started lightly snowing on us about the last 1000 feet up the mountain. When we got to the peak, it started snowing pretty heavily. Around here, we hear a lot of stories about guys making bad decisions in the mountains and ending up getting hurt and/or getting rescued by helicopter at huge expense to taxpayers. As rookie mountaineers, my xyl and I thought caution the better part of valor and hurried out of there in the snow. Naturally, we walked out of it about 2000' feet down the mountain and we saw we could have stayed longer but...

Now.... recuperation time. Got lots of sore muscles and two toenails fixin' to fall off (gotta get some bigger boots!). Order of the day is plenty of hot tub time and a steady diet of aspirin.

73, Gary

=====

Gary Slagel/N0SXX
Conifer, CO 80433
gdslagel@yahoo.com
Personal Website: <http://marina.fortunecity.com/sanpedro/351>

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<http://geocities.yahoo.com/ps/info1>

Date: Mon, 8 Oct 2001 09:21:44 -0500
From: "Brice D. Hornback" <bdh@cyberbound.net>
To: <khopper@uchicago.edu>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [108283] Re: [Q] receiver hitch mobile mount?
Message-ID: <03d801c15004\$8f339c20\$7001a8c0@lwrnc1.in.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I just mounted a Hamstick to my Blazer last night. IF I had a receiver hitch it would have been a lot easier. Simply go to Radio Shack and buy the 3/8" antenna mount that mounts into a hole. Put it where the BALL would go on the receiver hitch. I ended up mounting my Hamstick to the luggage rack. It puts the top of the antenna at about 13 feet up... so I'll have to be careful not to break things. But... it does work great!

72 / 73 de Brice KA8MAV
Indianapolis, IN EM79au
QRPP-I #1, QRP ARCI #10972, QRP-L #2360,
KLQRP, FPQRP -156, ARS, ARRL
<http://www.QRPP-I.com>

----- Original Message -----

From: Ken Hopper <khopper@uchicago.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Monday, October 08, 2001 9:12 AM
Subject: [Q] receiver hitch mobile mount?

> Does anyone out there in QRP-L land know of a way to mount a Hamstick type
of
> ANT on a reveiver hitch so I can operate /M on CW with my K2? New car and
XYL
> won't allow a magnetic mount (scratched old trunk), but I found an
aftermarket
> receiver hitch.
>
> Tnx,
> de ken n9vv (K2 #167 +SSB +NB +ATU)
> <http://www.n9vv.com>
>

Date: Mon, 8 Oct 2001 10:32:20 -0700
From: "Michael Prevatt" <ku4yp@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [108284] Re: [Q] receiver hitch mobile mount?
Message-ID: <008301c1501f\$329ddfa0\$9444bfa8@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

hello,

does anyone have information on converting cb transcievers to 10 meters?
most cb transcievers are in the 4 to 5 watt range and would like to convert
one to 10m qrp.

tnx

73 de KU4YP
Michael Prevatt
Willow Oak, Florida
Homepage <http://home.earthlink.net/~ku4yp>

Date: Mon, 8 Oct 2001 08:52:28 -0600
From: William R Colbert <w5xe@juno.com>
To: qrp-1@lehigh.edu
Subject: [108285] Re: Columbus Day
Message-ID: <20011008.085229.-194431.4.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

I prefer to know it as Kill and Rob the Native American
Remembrance Day.

Date: Mon, 8 Oct 2001 11:05:24 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <ku4yp@earthlink.net>,
 "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [108286] CB to 10M conversions for QRP
Message-ID: <003701c1500a\$d0b4f620\$6501a8c0@INSYDENT>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: Michael Prevatt <ku4yp@earthlink.net>

> hello,
>
> does anyone have information on converting cb transcievers to 10
> meters? most cb transcievers are in the 4 to 5 watt range and would
> like to convert one to 10m qrp.
>
> 73 de KU4YP

I've converted them in the past. Perhaps the easiest to convert (in my mind) is the Uniden uPD858 chassis as used in the Radio Shack TRC-457, TRC-458, TRC-449, Cobra, President, and other rigs. This was an SSB 400 channel chassis that was designed when the FCC originally made an announcement to expand CB to 99 channels, then almost immediately cut back to 40.

You can't run the chassis 400 channels wide, but they generally can to about 80 to 100 channels wide with little problems. The limitation seems to be the voltage controlled oscillator range in the PLL.

The PLL is straight BCD decimal input for 10Khz spacing.

I originally converted one to 10M, but made a serious mistake. I changed the crystals so that a value of 100h input to the PLL was 28.000MHz. My intention was to use BCD switches for a 'frequency' display'. Choosing the crystals the way I did let it be a simple hack. Bad move. Birdies all up and down the band! Oops! I ended up changing it back to CB, then just modding the PLL and using a trick where my BCD switches were tied to the ADDRESS lines on an EPROM, where the EPROM was programmed with the DATA that matched what I wanted to appear on the lines to the uPD858 chip. (I fudged the high two lines, but you should get the idea. I did the same trick later with an old Icom 22S and was starting to do it with my Ramsey 2M kit. With the Icom 2M radio it was neat because I could use an address line to tie to the simplex/duplex detect, and to the + or - offset, and even a 'reverse' button. Just build the image for the ROM!! It really simplified things when I could just 'rule out' the complex adder circuit in the Icoms PLL and do it all from

the data image.)

Anyway, that chassis from various vendors is almost the 'standard' chassis for conversions. You can get all kinds of info on in and once you understand the PLL it's simple to make it do almost anything you want.

Some of the other PLL rigs from the 80's are good to convert too. But a lot of the PLL stuff was 'restricted'. Some of them too straight CB channel input, where the uPD858 chassis took the PLL divisor and the switch handled all the little gotchas. (Remember, CB channels are NOT a 'linear step' below channel 26, and the stepping in frequency order between 22 and 26 go in this order: 22, 24, 25, 23, 26. But at least one of the SSB CBs used a PLL chip (I forget the number) had a 'mode' that was either "CB" with automatic CB stepping, or linear. It was even neater in that in CB mode it was 10KHz, but in 'linear' mode it was 5KHz stepping. While you have to really much with the mixer circuits, this is also a very desirable chassis to convert to 10M.

There is a place that 'specializes' in this called CBC International. They have all kinds of kits and info for this. However I've found just as good information on the web for free at some of the CB hacking sites. Only down side on the web is some of the sites have the "CB BS" syndrome. People with a little knowledge being dangerous kind of thing. People that don't understand it's a full envelope for modulation that gives the best signal, not the 'furthest you can turn a dial' kind of thing. Or the people that 'unlock' the clarifiers to unregulated reference points without regard to stability.

A lot of good free info out there. Also a lot of total garbage. If you are going to use the info, make sure you UNDERSTAND it. If you can't understand it, then it's either something NO ONE can understand and probably garbage science, or something that may be right but you won't understand it enough to implement it. In either case, not something you want to consider for hacking into your radio.

There was a book out there back in the 80's that was a good reference called the PLL Synthesizer Cookbook. Was a great reference if you were considering hacking CBs or even other service radios.

Mike
N1DVJ

Date: Mon, 8 Oct 2001 10:25:23 -0500
From: "Brian Murrey" <brian@iquest.net>
To: <w5xe@juno.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [108287] Re: Columbus Day
Message-ID: <002c01c1500d\$73c87b00\$7c492bd1@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm proud to be 100% Native American. I always thought Columbus Day as a federal holiday was just another union plan to get a day off with pay.

----- Original Message -----
From: "William R Colbert" <w5xe@juno.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Monday, October 08, 2001 9:52 AM
Subject: Re: Columbus Day

>
> I prefer to know it as Kill and Rob the Native American
> Remembrance Day.
>

Date: Mon, 8 Oct 2001 10:34:47 -0500
From: "Brian Murrey" <brian@iquest.net>
To: "pigs" <fpqrp-l@mpna.com>, "QRP-L" <qrp-l@lehigh.edu>
Subject: [108288] Hoosier Hills Hamfest
Message-ID: <006e01c1500e\$c4868900\$7c492bd1@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well the 40th Hoosier Hills Hamfest is now in the history books. The Flying Pigs QRP Club hosted the QRP Forum at 9am. It was attended by 23 hams interested in QRP operation. QRP ARCI and KitsandParts.com gave out some nice prizes and we had about a 70 minute duscussion about QRP, clubs, internet sites, and a great assortment of homebrew show and tell gear. I think we also brought 4 new QRPer's to the fold as well. So all in all, not a bad day.

Randy, Diz and myself got there at 3PM on Saturday. We put a nice dipole up about 40 feet in the air and used the K1, K2, and Diz's Multipig Rig to make contacts on 20 and 40m. The testers were everywhere and we could hear them all so the antenna was doing a FB job. Managed to worked EA, LX, LY, CO, HC, and a few others. WE had visitors to the campsite up until about 11pm....when the temp hit 32F. When we got up Sat morning, it was a balmy 25F.

Loads of fun, and we have been asked to do a QRP presentation at the FT. Wayne Indiana hamfest in November, and a few others next year, including the Indy Hamfest.

72

```
=====
KB9BVN NORCAL 2792 FISTS 5695 QRP-L 1540 QRP-ARCI 10223
    39.558 N   86.095 W   Johnson Co., Indiana
    GRID: EM69WN - Ten Tec Scout - Attic Dipole - 5w
    Member of the American Radio Relay League - SOC #400
    FISTS Century Club #764/#24 QRP - Flying PIG QRP #-57
=====
```

```
-----
Date: 8 Oct 01 09:50:39 MDT
From: Rod Cerkoney <rod@n0rc.com>
To: gdslagel@yahoo.com,
    Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [108289] Re: [High Peak in CO - Wrapup]
Message-ID: <20011008155039.16954.qmail@uwdvg007.cms.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable
```

Gary,

Now that you have a K1, how about going to 30 or 40m to give us locals a chance? I listened for you, but you were just to close.

Rod, N0RC
Fort Collins, CO

Gary Slagel <gdslagel@yahoo.com> wrote:
> Good Morning again!
> =

=2E..> time and a steady diet of aspirin. =

> =

Try ibuprofen (Advil) serious medicine for serious pain! ;-)

Date: Mon, 08 Oct 2001 11:56:00 -0400
From: Ronald Hands <ronald.hands@sympatico.ca>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [108290] Quartz-halogen Noise
Message-ID: <3BC1CC90.3060007@sympatico.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Has anyone found a cure for the blast of RF noise created by
(Ikea) quartz-halogen lamps?

-- Ron VE3SP

Date: Mon, 8 Oct 2001 11:11:07 -0500
From: "Mark A. Andrews" <KE4IOF@KE4IOF.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [108291] Re: Columbus Day
Message-ID: <002b01c15013\$dee90b60\$ce90aec7@carrera>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I'm 100% American! I was born here so I guess I'm a Native American too!
It's just that my ancestors were just about 40,000 years late getting here,
probably because they had to come by boat. It would have been a hell of a
walk from Scotland. C'est la vie!

My ancestors were Scottish, Irish, English, German and Cherokee. So, I guess
that makes me a Scottish-Irish-English-German-Native American - That's too
long for me to keep track of, so I'll just stick with American; I suggest
the rest of you do also.

Mark

Mark A. Andrews, KE4IOF
QRP-L 146 QRP-ARCI 10574
www.KE4IOF.com

PRL 3.0 for Palm Handhelds

> I'm proud to be 100% Native American. I always thought Columbus Day as a
> federal holiday was just another union plan to get a day off with pay.
>

Date: Mon, 8 Oct 2001 09:17:30 -0700
From: "DTX" <dtx@wood.tzo.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [108292] Re: Quartz-halogen Noise
Message-ID: <003f01c15014\$bab3d440\$0c00a8c0@home>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I turn mine either full on or full off ;-) It appears (on mine atleast)
that the dimmer causes all the noise.

Gary WA6DTX

----- Original Message -----

From: "Ronald Hands" <ronald.hands@sympatico.ca>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Monday, October 08, 2001 8:56 AM

Subject: Quartz-halogen Noise

>
>
> Has anyone found a cure for the blast of RF noise created by
> (Ikea) quartz-halogen lamps?
>
> -- Ron VE3SP
>
>
>

Date: Mon, 8 Oct 2001 09:19:28 -0700
From: Mike Gipe <mgipe@reliablemeters.com>
To: khopper@uchicago.edu,
Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [108293] RE: [Q] receiver hitch mobile mount?
Message-ID: <F988E2FF74F4D111A61F00A0C949D7A964BA8C@mission>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

There is a commercial product called "Tenna-Hitch", I believe, that is sold
by most of the ham equipment retailers.

Mike K1MG

Date: Mon, 8 Oct 2001 09:37:33 -0700
From: "Trevor Jacobs" <fxtech@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [108294] Re: [Portable Paddles for hiking...]
Message-ID: <005201c15017\$8863db40\$efe3b3d1@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks to everyone that responded to my question on paddles off the list. I
checked out eham and also the Palm web site. Now I just have to pick one Hi!
Take care...

73
Trev
KG6CYN

Date: Mon, 8 Oct 2001 12:44:07 -0400
From: "Mike Boatright" <ko4wx@mindspring.com>
To: <qrp-1@Lehigh.EDU>
Subject: [108295] Re: Airports and radios
Message-ID: <NFBBIILMKMIILGKAJMBLAEOKCBAA.ko4wx@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Walt,

Similar experience travelling from Atlanta to NYC on business last week. I had in my roll-aboard suitcase a Toshiba video projector, which didn't even raise an eyebrow. Maybe an extra 10 minutes through security (had to show my ticket & driver's license, plus pull my laptop out of it's case). Good news (I think), the flights were packed, both ways.

I normally don't take a rig with me to New York anyway, but don't think I'll worry about taking one with me from here on out. Nice thing about having the internal battery pack on my K1 is I can turn it on for security if they want. Bad news is that little switch that keeps you from accidentally turning on the rig while travelling is REALLY hard to switch (by design)--and normally I carry a small pocket knife or screwdriver to take care of such things, which are, of course, now no-no's...

Oh, and by the way. Got the upgrade for first class both ways. I always love the big deal Delta always does with presenting the meals (especially on Business Class, international, but this was just domestic). Nice linens, china, etc. Unwrapped the silverware from within the carefully wrapped napkin. 2 (metal) forks, spoon, and a plastic knife...

72 de Mike, K04WX

Date: Mon, 8 Oct 2001 11:50:19 -0500
From: "tmyers" <tmyers@AcademicPlanet.com>
To: "QRP-L Post" <qrp-1@Lehigh.EDU>
Subject: [108296] Covenant Restriction Antenna

Message-ID: <001e01c15019\$517c7540\$1600a8c0@newkid>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>From personal experience in this matter, I have learned that painting the antenna with ultra flat paint does wonders to make it stealth. I use black, brown and green to do the job, but the colors to choose depend on your surroundings. It really kills any glint and contrast of the aluminum and it really blends in.

KQ5U, Terry
Spring, TX

Date: Mon, 8 Oct 2001 12:52:06 -0400
From: "Ed Tanton" <n4xy@att.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Cc: "Homebrew Reflector" <homebrew@qth.net>
Subject: [108297] FS: Limited QTY 150W stripline DLs
Message-ID: <001001c15019\$90731470\$f10d4d0c@n4xy>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

I have a few NEW MIL ~microwave (I figure) 150W 50 ohm stripline terminations. I'm sure they'll work fine at HF as 150W DLs with mounting on a suitable heatsink-I don't KNOW they'll be isolated from the mounting straps, but, considering the size of the straps, I don't see how they could not be. These are probably an inch or so long and about 1/2 inch or wide. Looks like about 1/4" or less thick.

Personally, I'm gonna use one for the SWR/wattmeter kit from Steve, KD1JV ("melt solder") sold recently. It is scalable, so I can take it all the way up to whatever power the "150W" termination can handle. It'll certainly handle my 45W-50W Ranger II w/ breaking a sweat, and probably be OK with my TT Paragon. QRP goes w/o saying.

First come-first serve. \$15 shipped. These are not here yet, and I will be testing them to be certain of that isolated mounting, so I'm only taking a list for now. IF you put your name on the list, please consider it a firm deal once I contact you back. Don't forget your address.

73 Ed Tanton N4XY <n4xy@arrl.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

Date: Mon, 8 Oct 2001 13:02:19 -0400
From: "John Dorson" <jdorson@Worldshare.net>
To: <KE4IOF@KE4IOF.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [108298] Re: Columbus Day
Message-ID: <006401c1501b\$018de4e0\$f5619c40@atwork>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Good for you Mark.
I for one am getting a little sick listening about all those
?????-Americans. As far as I am concerned you are either American or
something else(and that is ok) but you can't be both in my book...

----- Original Message -----
From: "Mark A. Andrews" <KE4IOF@KE4IOF.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, October 08, 2001 12:11 PM
Subject: Re: Columbus Day

> I'm 100% American! I was born here so I guess I'm a Native American too!
> It's just that my ancestors were just about 40,000 years late getting
here,
> probably because they had to come by boat. It would have been a hell of a
> walk from Scotland. C'est la vie!
>
> My ancestors were Scottish, Irish, English, German and Cherokee. So, I

guess

> that makes me a Scottish-Irish-English-German-Native American - That's too
> long for me to keep track of, so I'll just stick with American; I suggest
> the rest of you do also.

>

> Mark

>

> -----

> Mark A. Andrews, KE4IOF

> QRP-L 146 QRP-ARCI 10574

> www.KE4IOF.com

>

> PRL 3.0 for Palm Handhelds

>

>

>

> > I'm proud to be 100% Native American. I always thought Columbus Day as
a

> > federal holiday was just another union plan to get a day off with pay.

> >

>

>

Date: Mon, 8 Oct 2001 13:32:07 -0400

From: dmaliniak@penton.com

To: qrp-l@lehigh.edu

Cc: njqrp@njqrp.org

Subject: [108299] Any 38 Specials done Manhattan-style?

Message-ID: <0F31C4B431.A93F533F-ON85256ADF.005F988A@penton.com>

MIME-Version: 1.0

Content-type: text/plain; charset=us-ascii

Has anyone out there attempted to scratch-build a NorCal 38 Special using Manhattan-style construction? I once owned a 38 Special that I lovingly modified, had working as well as any I ever knew of, and very stupidly sold a year or two ago. And at a bargain price to boot. I've regretted that ever since. Now I'm thinking about kitting one up and trying it as a Manhattan-style project.

If anyone has any experience with a Manhattan-style 38S and could share it with me, I'd like to hear from you. Actually, if you've tried scratch-building a 38 Special using *any* kind of construction technique involving something other than the original PCB, I'd like to hear about how it went.

72,

David, AD2A
Glen Rock, NJ

Date: Mon, 08 Oct 2001 11:04:18 -0700 (MST)
From: cherry@getnet.net
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [108300] Re: Quartz-halogen Noise
Message-ID: <1002564258.3bc1eaa2285f7@mail.getnet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit

Quoting Ronald Hands <ronald.hands@sympatico.ca>:

>
>
> Has anyone found a cure for the blast of RF noise created by
> (Ikea) quartz-halogen lamps?
>
> -- Ron VE3SP
>
>
>
>

Date: Mon, 8 Oct 2001 10:59:53 -0700
From: "Doug Hendricks" <ki6ds@dph.dpol.net>
To: <qrp-1@Lehigh.EDU>
Subject: [108301] Bill Jones, QRPacificon Presenter
Message-ID: <011a01c15023\$0ae2d5c0\$4a0b0d0a@dph.dpol.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I had the pleasure of meeting Bill for the first time several years ago when we both went to Dayton. His flight landed about an hour or so before mine, and he needed a ride to the Day's Inn Dayton South (you guys remember that place???? Man I do, and not fondly). This was the year of the 49er Building contest, and Bill had brought his version of the 49er. I almost died when I saw it. I immediately dubbed it the "Collins 49er", because that is exactly what it looked like to me, a miniature Collins radio, the same gray paint and everything. All I could do was say WOW!!!. I could not

believe it. It was marvelous. Bill is in his 50's, and is a distinguished looking guy. The thing that impresses me about him is his ability to show how much he cares for other people. I got to visit with him about an hour longer than I thought I would as I got lost going from the Dayton Airport to Miamisburg. But I certainly did not mind. This guy was a real QRPer!! Man was I glad that I volunteered to give him a ride. I did a favor, but I was the one who definitely got the most benefit. I got to know Bill Jones, KD7S.

Anyway, Bill has become legendary with his packaging efforts, and we have all seen his work. He developed a wonderful system of cabinet building out of plastic that is an art form. Bill spoke a few years ago at Pacificon and was a huge hit. I have had many requests to bring him back and did so this year.

Bill is not only a wonderful builder, he is also a great operator and promoter of QRP. He is in the Jim Cates class as far as being a gentleman, and it shows immediately when you meet him. Bill is going to talk on QRP portable operation, and I can't wait to hear him. He is an expert on all facets of portable operation, and I guarantee you that you will come away from his presentation with several ideas on things to try, and I bet that you will also slap your forehead a couple of times and say, "Man, that is so simple, why didn't I think of that??"

Bill works as a Computer Software Trouble Shooter for the City of Fresno, and his job is helping people with software questions and training on new software. He is a wonderful teacher and a natural for his job. He is married to Merleigh, and lives in Sanger, CA.

One of the neat things about this hobby is the opportunity to meet and get to know people like Bill Jones, KD7S. Bill will be a treat. Hope to see you there at QRPacificon, 2001, Oct. 19th, 20th & 21st at the Sheraton Hotel in Concord, California.

Date: Mon, 8 Oct 2001 13:05:24 -0500
From: "Rob Matherly" <kc0bom@arrl.net>
To: <w5xe@juno.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [108302] Re: Columbus Day
Message-ID: <00c901c15023\$dad11ee0\$8211a541@intern01>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Oh brother...

----- Original Message -----

From: William R Colbert <w5xe@juno.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Monday, October 08, 2001 9:52 AM
Subject: Re: Columbus Day

I prefer to know it as Kill and Rob the Native American
Remembrance Day.

My e-mails are certified virus free... If your computer gets sick, I didn't
do it!

Checked by AVG anti-virus system (<http://www.grisoft.com>).

Version: 6.0.282 / Virus Database: 150 - Release Date: 9/25/01

Date: Mon, 8 Oct 2001 14:08:58 -0400
From: "ZOOM" <kandrparker@sympatico.ca>
To: <cherry@getnet.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [108303] Re: Quartz-halogen Noise
Message-ID: <00ce01c15024\$4d745980\$3294fea9@robertpa>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

If it is the dimmer type you can put in a high quality MOV or replace the
dimmer with a higher quality unit. The other thing you can try is put on
some RF chokes on the line.

----- Original Message -----

From: <cherry@getnet.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Monday, October 08, 2001 2:04 PM
Subject: Re: Quartz-halogen Noise

> Quoting Ronald Hands <ronald.hands@sympatico.ca>:

>

> >
> >
> > Has anyone found a cure for the blast of RF noise created by
> > (Ikea) quartz-halogen lamps?
> >
> > -- Ron VE3SP
> >
> >
> >
> >
> >
>

Date: Mon, 08 Oct 2001 14:39:30 -0500
From: "Randy Randall" <RANDALLR@Healthall.com>
To: <qrp-1@Lehigh.EDU>, <kandrparker@sympatico.ca>
Subject: [108304] Re: Quartz-halogen Noise
Message-ID: <sbclbabd.017@healthall.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable
Content-Disposition: inline

I have had some of these lights in the past and they are massive RFI =
generators. The dimmer has zero RFI suppression. I took my dimmer out =
and put in a toggle switch. I ran them at full brightness almost all the =
time anyway. =20

73
Randy KB8AS0

Randy E. Randall
Network Engineer
The Health Alliance of Greater Cincinnati
Phone 513-585-7146
Fax 513-585-7159

>>> "ZOOM" <kandrparker@sympatico.ca> 10/08/01 01:08PM >>>
If it is the dimmer type you can put in a high quality MOV or replace the
dimmer with a higher quality unit. The other thing you can try is put on
some RF chokes on the line.

----- Original Message -----
From: <cherry@getnet.net>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Monday, October 08, 2001 2:04 PM
Subject: Re: Quartz-halogen Noise

> Quoting Ronald Hands <ronald.hands@sympatico.ca>:
>
> >
> >
> > Has anyone found a cure for the blast of RF noise created by
> > (Ikea) quartz-halogen lamps?
> >
> > -- Ron VE3SP
> >
> >
> >
> >
> >
>

Date: Mon, 08 Oct 2001 14:40:59 -0500
From: Don <dwitttlic@APCI.net>
To: k5di@zianet.com, Dennis Ponsness <wb0wao@hotmail.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [108305] Re: Antenna ??
Message-ID: <3BC2014B.E545B9D0@APCI.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello Dennis and Karl,
Sad but true, we don't all have room for a 120 foot
doublet.

I have not found it necessary to build a fan dipole,
but I have added a second set of wires in this case:

I had a system based on a single wire plus counterpoise
that, in spite of reasonable adjustment to the wire
lengths, did not leave my automatic antenna matcher
with an easy to tune impedance on all 9 bands. The
original wire length was based on getting maximum
length from a wire to the only tree in sight. So I
added another wire plus counterpoise, each having a
length equal to the original minus about one and a

small fraction meters (not using any measuring tools) as the 15 meter band was troublesome. The second set of wires was spaced only a foot away from the first set, as there was no opportunity for mounting the second set of wires at a right angle to the first.

The result left my automatic tuner able to match quickly and a system that did achieve contacts on all 9 bands. It was a quick solution and I was running out of daylight for making my installation. It was a temporary installation, but stayed in place until the tree was removed. No, I did not test to see whether the second wire made the first wire radiate less effectively on the bands where the tuner was already at an easy-to-match impedance. Yes, I would do it again but am willing to listen while someone explains a more effective quick solution. Seemed like a good trade-off to use up a little wire rather than to use up time doing a more detailed analysis. .

Don WN9V

"Karl F. Larsen" wrote:

>
> Hi Dennis, I don't like your fan dipole because it's a waste of wire.
> Since your using 450 ohm ribbon feedline and a tuner, why not just put up
> about 120 feet of wire and feed it in the center. You should be able to
> load it on any frequency from 3.5 to 30 MHz.
>
> On Sun, 7 Oct 2001, Dennis Ponsness wrote:
>
> > Hi Gang -
> > Got a question about an antenna that I am thinking about building and
> > putting up. It will be a "fan dipole" dipoles cut for 7.040, 10.106, and
> > 14.060.
> > 72
> >
> >

Dennis Ponsness - WB0WAO
> > EN84ij Iosco Cty, Mich.
> > WAC WAS DXCC VUCC WPX
> > NJ-QRP #329 QRP-L #2348
> > FP #-347 SOC#499
> >
> >
> > _____
> > Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>
> >
> >
>

> --
> Yours Truly,
>
> - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
> <http://www.qsl.net/k5di/>

Date: Mon, 08 Oct 2001 12:40:07 -0800
From: Bob Welch <p326@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [108306] For Sale
Message-ID: <3BC20F27.FCB4E929@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Paddle ,unique in that it is home made. Came from estate sale. Works great.Includes cable and plug. Works as good as a Bencher.It has a heavy

base so it will not travel when being used.\$48 includes shipping to CONUS.Have a picture if you would like to see it.Please reply direct.

Bob,W8MCJ

Date: Mon, 8 Oct 2001 15:38:21 -0500
From: "Brian Murrey" <brian@iquest.net>
To: <jdorson@Worldshare.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [108307] Re: Columbus Day
Message-ID: <007701c15039\$2c11b340\$2eacf6ce@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Like I said...100% Native American here.

I agree with you wholeheartedly.

----- Original Message -----
From: "John Dorson" <jdorson@Worldshare.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Monday, October 08, 2001 12:02 PM

Subject: Re: Columbus Day

> Good for you Mark.
> I for one am getting a little sick listening about all those
> ?????-Americans. As far as I am concerned you are either American or
> something else(and that is ok) but you can't be both in my book...
>
> ----- Original Message -----
> From: "Mark A. Andrews" <KE4IOF@KE4IOF.com>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Sent: Monday, October 08, 2001 12:11 PM
> Subject: Re: Columbus Day
>
>
> > I'm 100% American! I was born here so I guess I'm a Native American too!
> > It's just that my ancestors were just about 40,000 years late getting
> here,
> > probably because they had to come by boat. It would have been a hell of
> a
> > walk from Scotland. C'est la vie!
> >
> > My ancestors were Scottish, Irish, English, German and Cherokee. So, I
> guess
> > that makes me a Scottish-Irish-English-German-Native American - That's
> too
> > long for me to keep track of, so I'll just stick with American; I
> suggest
> > the rest of you do also.
> >
> > Mark
> > -----
> > Mark A. Andrews, KE4IOF
> > QRP-L 146 QRP-ARCI 10574
> > www.KE4IOF.com
> >
> > PRL 3.0 for Palm Handhelds
> >
> >
> >
> > > I'm proud to be 100% Native American. I always thought Columbus Day
> as
> a
> > > federal holiday was just another union plan to get a day off with pay.
> > >
> >
> >
> >
>

>

Date: Mon, 8 Oct 2001 15:59:25 -0500 (EST)
From: <gingrich2@tigger.dcg.org>
To: Don <dwitttlic@APCI.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [108308] Re: Antenna ??
Message-ID: <Pine.LNX.4.30.0110081550040.13610-100000@tigger.dcg.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 8 Oct 2001, Don wrote:

> Hello Dennis and Karl,
> Sad but true, we don't all have room for a 120 foot
> doublet.

I'm surprised it hasn't drifted through the list, but a couple of excellent guides for various wire antennas such as end-fed inverted L, loops, etc., are available at <http://www.sgcworld.com/>. First is the manual for the SGC-230 auto-tuner and the second is a document covering stealth antennas. Both are excellent reading, even if you don't have an SGC tuner.

Among the advice for the end fed wire was to pick a length that avoids resonance on any band. Tuners can have difficulty if the impedance to match is extremely high which happens at odd half-wavelength intervals. They suggest 85 feet, or if you have more room, 150 ft.

FWIW-

Dave K9DC

Date: Mon, 08 Oct 2001 17:05:22 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: ko4wx@mindspring.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [108309] Re: Airports and radios
Message-ID: <3BC21512.38A158E7@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mike,

I don't doubt you would get your radio past some security people, especially when packed in your checked baggage. As far as using it in New York City, from a hotel room, with a temporary antenna dropped out the window or something, if you are seen by anyone, be ready for a trip to Police headquarters. I think they're sensitive about that sort of thing up there!

73

Date: Mon, 08 Oct 2001 17:23:36 -0400
From: brickle <brickle@pobox.com>
To: qrp-l@Lehigh.EDU
Subject: [108310] Re: Airports and radios
Message-ID: <3BC21958.356F9796@pobox.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> As far as using it in
> New York City, from a hotel room, with a temporary antenna dropped out
> the window or something, if you are seen by anyone, be ready for a trip
> to Police headquarters.

...and not even sure it's worth the effort. I've tried a number of times.
The automotive and other QRN, together with being surrounded by taller buildings, makes life very difficult. The most HF-hostile environment I've ever tried to work from.

Frank
AB2KT

Date: Mon, 8 Oct 2001 18:03:55 EDT
From: K5KW@aol.com
To: QRP-L@lehigh.edu
Subject: [108311] Headphones On Sale
Message-ID: <143.2c8a0f5.28f37ccb@aol.com>
MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Gang,

Seems it It was Doc, K0EVZ, who recently posted a message saying he swore by his PRO-35 headphones from Radio Shack. Hope I'm attributing it to the right person. Anyway, I discovered that they are on sale for half price right now at my local store and at radioshack.com. Part number is 33-1122 and they are \$ 19.99 instead of \$ 39.99. I picked up a pair this afternoon and they work very well. Sensitivity is 103dB and my K2 drives the heck out of them.

The usual disclaimers, just happy with the tip and my purchase.

Don, K5KW

Date: Sun, 7 Oct 2001 22:19:51 -0600 (MDT)
From: <muglesto@ecentral.com>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [108312] Re: Rigs and Airline Security
Message-ID: <Pine.LNX.4.33.0110072217460.7713-100000@mugleston.mugs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I've read all the replies - very scary. What you are trying to take on an airplane is a transmitter. With the push of a button you could detonate any of a number of small bombs in luggage checked. It's very scary that they let us take anything capable of transmitting on board. Even a cell phone could probably be made to trigger a device 100 feet away.

--
Brad Mugleston, KI00T
Aurora, Arapahoe Cty, Colorado
DM79oq 39.692500N 104.802600W
CQC #170, QRP-L #316, NorCal #2934

Date: Mon, 8 Oct 2001 17:33:53 -0500
From: "Brice D. Hornback" <bdh@cyberbound.net>
To: <muglesto@ecentral.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [108313] Re: Rigs and Airline Security
Message-ID: <04eb01c15049\$4fb85640\$7001a8c0@lwrnc1.in.home.com>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Don't forget about all the little transmitters attached to people's car keys. Lock/unlock, alarm, detonate, etc.

It would be impossible to stop ALL transmitters. Key chains, cell phones, garage door openers, baby monitors... Anyone care to make a list?

72 / 73 de Brice KA8MAV
Indianapolis, IN EM79au
QRPp-I #1, QRP ARCI #10972, QRP-L #2360,
KLQRP, FPQRP -156, ARS, ARRL
<http://www.QRPp-I.com>

----- Original Message -----

From: <muglesto@ecentral.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Sunday, October 07, 2001 11:19 PM
Subject: Re: Rigs and Airline Security

> I've read all the replies - very scary. What you are trying to take on an
> airplane is a transmitter. With the push of a button you could detonate
> any of a number of small bombs in luggage checked. It's very scary that
> they let us take anything capable of transmitting on board. Even a cell
> phone could probably be made to trigger a device 100 feet away.

>

> --

> Brad Mugleston, KI00T
> Aurora, Arapahoe Cty, Colorado
> DM79oq 39.692500N 104.802600W
> CQC #170, QRP-L #316, NorCal #2934
>

End of QRP-L Digest 2336
